

VIII. Other Required Information.

- A. Notes on Specific Analysis
- B. Report of Operator Certification.

A. Notes on Specific Analyses:

1. It should be noted that some of the reference methods are equivalent. The organic priority pollutant analyses listed in E.P.A.'s Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846 (ref. c) are equivalent to the methods E.P.A. prescribes for water in Methods for Chemical Analysis for Water and Wastes, (ref.a). Specifically wastewater methods 3510 and 8270 (ref.d) together are the same as the water method 625 (ref.a), and Method 8260B (ref. c) is equivalent to Method 624 (ref.a). Methods 3550 and 8270 together are equivalent to the E.P.A. Contract Laboratory Program's (ref. aa) method for ultrasonication and gas chromatograph-mass spectrographic analysis. The E.P.A.'s metals analyses for water (ref.a) generally just refers to the procedure in Standard Methods (ref. b, bb).

2. Detection Limit

MDLs for various analyses were updated in 2009. The MDLs referenced in this report are the maximum MDL for the calendar year. The following is a table listing, by Analyses Code and Analyte, the changes in the MDLs that occurred in 2009. All MDLs were performed following CFR136.3. This year most MDL studies utilized clean matrix, i.e. Deionized Water or clean sand.

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
8260B_SLDS	2CL2FLMETHANE	27-Mar-09	5.56		UG/KG
8260B_WW	2CL2FLMETHANE	27-Mar-09	0.66		UG/L
BN_SED	1_METHPHENANTH	13-Jul-09	20	40	UG/KG
BN_SED	1_METHYLNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	235_3METHNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	26_2METHNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	2BENZO_AH_ANTH	13-Jul-09	20	50	UG/KG
BN_SED	2_METHYLNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	34_BENZ_B_FANTH	13-Jul-09	20	51	UG/KG
BN_SED	ACENAPHTHENE	13-Jul-09	20	40	UG/KG
BN_SED	ACENAPHTHYLENE	13-Jul-09	30	40	UG/KG
BN_SED	ANTHRACENE	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_A_ANTH	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_A_PYRENE	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_E_PYRENE	13-Jul-09	20	73	UG/KG
BN_SED	BENZO_GHI_PERYL	13-Jul-09	20	66	UG/KG
BN_SED	BENZO_K_FANTH	13-Jul-09	20	70	UG/KG
BN_SED	BIPHENYL	13-Jul-09	30	40	UG/KG
BN_SED	CHRYSENE	13-Jul-09	40	40	UG/KG
BN_SED	FLUORANTHENE	13-Jul-09	20	40	UG/KG
BN_SED	FLUORENE	13-Jul-09	20	40	UG/KG
BN_SED	INDENO_CD_PYR	13-Jul-09	20	67	UG/KG
BN_SED	NAPHTHALENE	13-Jul-09	30	40	UG/KG
BN_SED	PERYLENE	13-Jul-09	30	40	UG/KG
BN_SED	PHENATHRN	13-Jul-09	30	40	UG/KG

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
BN_SED	PYRENE	13-Jul-09	20	40	UG/KG
METS_ICP2_DIS	ALUMINUM_DIS	3-Sep-09	100	47	UG/L
METS_ICP2_DIS	ANTIMONY_DIS	3-Sep-09	6	2.9	UG/L
METS_ICP2_DIS	BARIUM_DIS	3-Sep-09	0.45	0.39	UG/L
METS_ICP2_DIS	BERYLLIUM_DIS	3-Sep-09	0.045	0.022	UG/L
METS_ICP2_DIS	BORON_DIS	3-Sep-09	3.5	1.7	UG/L
METS_ICP2_DIS	CADMIUM_DIS	3-Sep-09	1	0.53	UG/L
METS_ICP2_DIS	CHROMIUM_DIS	3-Sep-09	2.5	1.2	UG/L
METS_ICP2_DIS	COBALT_DIS	3-Sep-09	2	0.85	UG/L
METS_ICP2_DIS	COPPER_DIS	3-Sep-09	1	0.63	UG/L
METS_ICP2_DIS	IRON_DIS	3-Sep-09	70	37	UG/L
METS_ICP2_DIS	LEAD_DIS	3-Sep-09	4	2	UG/L
METS_ICP2_DIS	MANGANESE_DIS	3-Sep-09	0.4	0.24	UG/L
METS_ICP2_DIS	MOLYBDENUM_DIS	3-Sep-09	2	0.89	UG/L
METS_ICP2_DIS	NICKEL_DIS	3-Sep-09	1.5	0.53	UG/L
METS_ICP2_DIS	SILVER_DIS	3-Sep-09	0.8	0.4	UG/L
METS_ICP2_DIS	THALLIUM_DIS	3-Sep-09	8	3.9	UG/L
METS_ICP2_DIS	TIN_DIS	3-Sep-09	4	1.5	UG/L
METS_ICP2_DIS	VANADIUM_DIS	3-Sep-09	1.3	0.64	UG/L
METS_ICP2_DIS	ZINC_DIS	3-Sep-09	3	0.41	UG/L
METS_ICP2_SED	ZINC	1-Jul-09	0.25	0.2	MG/KG
METS_ICP2_SLDG	ZINC	1-Jul-09	0.5	8	MG/KG
METS_ICP2_WET	ZINC_DIS	1-Jul-09	0.5	0.005	UG/L
METS_ICP2_WW	BORON	1-Jul-09	7	1.7	UG/L
METS_ICP2_WW	COPPER	1-Jul-09	2	0.63	UG/L
METS_ICP2_WW	ZINC	1-Jul-09	2.5	0.41	UG/L

## B. Report of Operator Certification.

### Operator Certifications:

The following lists all Wastewater Treatment Plant Operators working for the Operating Units of the Public Utilities Department and their California State certification status as of May 2010. Name, Classification, Certification Grade, Certification Number, and expiration date are shown for each operator.

#### **South Bay Wastewater Reclamation Plant**

<b>First Name</b>	<b>Last Name</b>	<b>Classification</b>	<b>Grade</b>	<b>Number</b>	<b>Expiration Date</b>
Ernesto	Molas	Superintendent	V	7227	12/31/11
Kip	Cooper	Senior Wastewater Ops Supv	V	9401	12/31/11
Linda	Ruiz-Lopez	Wastewater Ops Supv. - PC	III	5660	12/31/11
John	Quigley	Wastewater Ops Supv.	IV	7837	12/31/10
Doyle	Shankles	Wastewater Ops Supv.	III	7232	06/30/10
Al	Johnson	Wastewater Operator	III	9638	06/30/10
Douglas	Evans	Wastewater Operator	II	9844	06/30/10
Carol	Brassfield	Wastewater Operator	II	9383	12/31/11
Romeo	Millan	Wastewater Operator	II	9846	06/30/10
Maria	LeSire	Wastewater Operator	II	5445	06/30/11
Herb	Decatur	Wastewater OIT	II		06/30/11